

GROUND-WATER LEVELS

HAWAII, ISLAND OF KAUAI

215856159243201. Local number, 2-5824-02. Kiloohana D, Kauai.

LOCATION.--Lat 21°59', long 159°24', Old Hawaiian Datum, Hydrologic Unit 20070000, 2.0 mi nwest of Lihue, and 3.5 mi northwest of the nearest shoreline.

AQUIFER.--Koloa Volcanics, Pliocene to Pleistocene age.

WELL CHARACTERISTICS.--Drilled water-table well, depth 250 ft, 12-in. solid casing: 0-60 ft; 12-in. perforated casing; 60-185 ft; 8-in. open hole: 185-200 ft; 6-in. open hole; 200-250 ft.

DATUM.--Elevation of land surface is 482 ft. Measuring point is top of the 12-in. well casing, 483.68 ft above mean sea level.

PERIOD OF RECORD.--Water-level recorder, December 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 415.19 ft above mean sea level, September 30, 2004; lowest water level measured, 406.57 ft above mean sea level, May 6, 2002.

WATER LEVEL, IN FEET RELATIVE TO MEAN SEA LEVEL
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	411.42	411.38	411.45	411.69	411.90	412.18	413.02	413.66	414.03	414.23	414.50	414.75
2	411.36	411.35	411.38	411.68	411.90	412.07	413.13	413.64	414.05	414.24	414.52	414.77
3	411.35	411.36	411.35	411.66	411.92	412.02	413.15	413.63	414.04	414.25	414.59	414.76
4	411.36	411.39	411.40	411.58	411.91	411.96	413.19	413.67	414.01	414.27	414.63	414.73
5	411.35	411.41	411.41	411.43	411.90	411.98	413.22	413.76	414.02	414.29	414.57	414.77
6	411.26	411.40	411.39	411.42	411.95	412.05	413.25	413.81	414.07	414.28	414.57	414.80
7	411.28	411.39	411.43	411.44	412.06	412.10	413.27	413.83	414.11	414.27	414.59	414.78
8	411.29	411.39	411.41	411.55	412.05	412.12	413.27	413.85	414.11	414.29	414.64	414.77
9	411.29	411.38	411.39	411.64	411.95	412.48	413.21	413.85	414.03	414.29	414.64	414.74
10	411.29	411.36	411.41	411.62	411.90	412.76	413.18	413.83	414.05	414.28	414.67	414.75
11	411.29	411.35	411.42	411.68	411.90	412.82	413.25	413.82	414.12	414.31	414.74	414.79
12	411.25	411.38	411.44	411.74	411.96	412.89	413.33	413.86	414.17	414.34	414.76	414.84
13	411.22	411.43	411.46	411.75	412.08	412.91	413.38	413.90	414.17	414.31	414.75	414.82
14	411.25	411.38	411.52	411.80	412.20	412.90	413.41	413.94	414.16	414.29	414.70	414.85
15	411.33	411.41	411.52	411.64	412.21	412.95	413.40	413.90	414.12	414.32	414.67	414.85
16	411.37	411.41	411.56	411.62	412.09	412.97	413.39	413.88	414.11	414.34	414.69	414.87
17	411.36	411.41	411.57	411.70	412.05	412.95	413.31	413.92	414.08	414.33	414.72	414.90
18	411.38	411.40	411.49	411.78	411.99	413.01	413.31	413.87	414.08	414.33	414.72	414.90
19	411.42	411.42	411.50	411.77	412.02	413.03	413.40	413.85	414.08	414.32	414.65	414.96
20	411.39	411.44	411.51	411.78	412.03	412.94	413.45	413.80	414.07	414.30	414.60	415.01
21	411.40	411.50	411.54	411.77	412.04	412.83	413.45	413.75	414.08	414.30	414.63	415.03
22	411.40	411.46	411.51	411.83	412.04	412.87	413.42	413.74	414.12	414.32	414.68	415.03
23	411.40	411.48	411.49	411.80	412.05	412.96	413.41	413.78	414.14	414.39	414.69	415.04
24	411.42	411.52	411.53	411.77	412.04	412.92	413.48	413.81	414.14	414.43	414.70	415.04
25	411.40	411.52	411.56	411.79	412.09	412.94	413.60	413.82	414.15	414.39	414.70	415.07
26	411.39	411.50	411.57	411.75	412.20	413.03	413.63	413.80	414.17	414.42	414.68	415.09
27	411.40	411.42	411.59	411.73	412.49	413.04	413.63	413.84	414.16	414.48	414.68	415.07
28	411.52	411.28	411.68	411.76	412.47	412.99	413.62	413.88	414.17	414.48	414.70	415.07
29	411.45	411.32	411.63	411.80	412.35	412.98	413.64	413.92	414.22	414.47	414.73	415.11
30	411.44	411.41	411.60	411.85	---	412.95	413.64	413.91	414.26	414.50	414.77	415.15
31	411.42	---	411.64	411.91	---	412.94	---	413.96	---	414.49	414.73	---
MEAN	411.36	411.41	411.50	411.70	412.06	412.69	413.37	413.82	414.11	414.34	414.66	414.90
MAX	411.52	411.52	411.68	411.91	412.49	413.04	413.64	413.96	414.26	414.50	414.77	415.15
MIN	411.22	411.28	411.35	411.42	411.90	411.96	413.02	413.63	414.01	414.23	414.50	414.73

